



IMOS Bulletin

Issue #21 June/July 2012

Welcome to the IMOS Bulletin. Please feel free to distribute this email bulletin to others. The Bulletin is also available for download from the website at <http://imos.org.au/bulletin.html>.

If you have any comments or questions regarding the IMOS Bulletin please contact the IMOS Project Officer, Marian Wiltshire, via email Marian.Wiltshire@utas.edu.au.

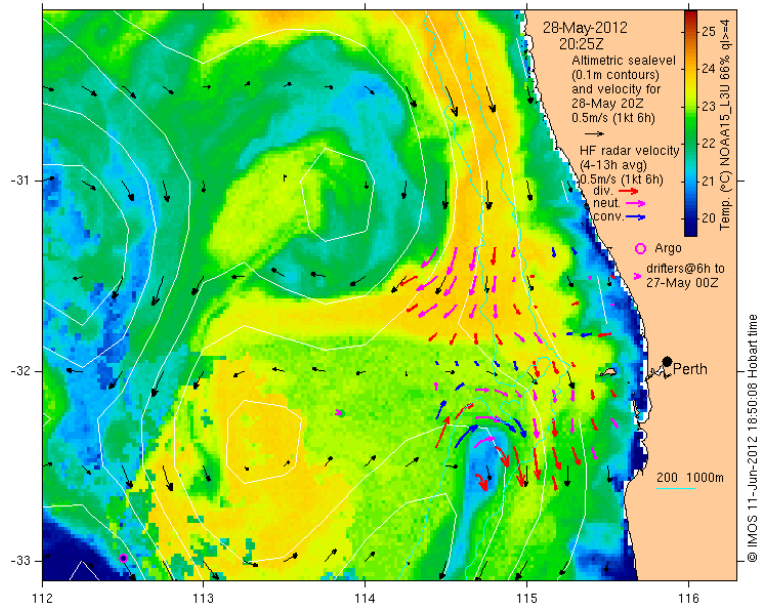
IMOS website

We have recently experienced a problem with the management of the content management system that is behind the IMOS website <http://imos.org.au/>, which unfortunately has caused the loss of text on some pages. Last week we moved the website to a new host and web support team. We are working on restoring the website content as quickly as possible. If you notice any text missing or error messages please forward them to Marian Wiltshire via email Marian.Wiltshire@utas.edu.au.

IMOS *OceanCurrent*

This section will highlight news from the IMOS *OceanCurrent* website. <http://oceancurrent.imos.org.au/> in the previous month.

Surface current data from the IMOS coastal radar systems is now being included in the daily maps delivered via IMOS *OceanCurrent*. The map shown below from 9th June shows an intense cold core eddy off Perth. It is striking to note how the tight radius of the eddy is well-resolved by the radar, and the correspondence of the radar data with the SST imagery (from David Griffin, CSIRO). This is a nice example of the power we are beginning to realise by bringing multiple data streams together in near real time.



New Data Streams

This section will list any new data streams that are publically available via the IMOS Ocean Portal <http://imos.aodn.org.au/webportal/> in the previous month.

Deep water moorings- Data from current meters on the SAZ sediment trap moorings (1997 to 2009, SAZ1 to SAZ12) is now available via the portal.

National Mooring Network- new data is available on the IMOS Ocean Portal for the following shelf mooring deployments:

NSW:

- Sydney 140 Nov 2011 – Feb 2012
- Sydney 140 Feb 2012 – May 2012
- Ocean Reference Station 65 (data in net cdf)
- Port Hacking 100 Aug 2011 – Dec 2011
- Port Hacking 100 Dec 2011 – Feb 2012
- Batemans Marine Park 90 – all deployments (Mar 2011-Apr 2012)
- Batemans Marine Park 120 – all deployments (Mar 2011 – May 2012)

Western Australia:

- Two Rocks 50 Mar 2011-Nov 2011
- Two Rocks 100 Mar 2011 – Nov 2011
- Two Rocks 150 May 2011 – Nov 2011

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It is led by the University of Tasmania on behalf of the Australian marine & climate science community.

- Two Rocks 200 Jun 2011 – Nov 2011
- Canyon Head 200 Mar 2011 – Sep 2011
- Canyon Head 200 Oct 2011 – Apr 2012

National Reference Stations (NRS):

- Rottneest Island NRS: Nov 2009- Feb 2010, Feb 2010- Jun 2010, Jun 2010-Sep 2010, Sep 2010 – Dec 2010, Dec 2010 – May 2011, May 2011 – Oct 2011, Oct 2011 – Jan 2012.
- Maria Island NRS: Apr 2008 – Jul 2008, Jun 2009 – Sep 2009, Dec 2009 – May 2010, Apr 2011 – Oct 2011, Oct 2011 – Apr 2012.
- North Stradbroke Island NRS: Aug 2011- Oct 2011, Oct 2011- Mar 2012

NRS Biogeochemical sampling: new phytoplankton and pigments data for most stations, a large number of Carbon files (for all stations), and new logsheet files have been uploaded and made public.

Animal Tagging and Monitoring: 60, 642 new detections from the acoustic array at One Tree Island and 34, 597 new detections from the acoustic array at Rowley Shoals have been entered into the AATAMS database.

Wireless sensor networks: Data from Sensor Floats at Rib Reef and Myrmidon Reef is now available.

Recent & Upcoming Events

For a full list of upcoming conferences please visit the Calendar page at <http://imos.org.au/calendar.html>. If you would like an event or conference featured on our website calendar please contact Marian Wiltshire via email Marian.Wiltshire@utas.edu.au

17-21 September 2012 Coast to Coast, Brisbane, QLD. For more information <http://www.coast2coastconference.com/>

24-27 September 2012 Third International Symposium on the Ocean in a High-CO₂ World, California, USA. For more information, <http://www.highco2-iii.org/main.cfm?cid=2259>

27- 29 September 2012 4th Argo Science Workshop, Venice, Italy. For more information: <http://www.ifremer.fr/forms/?p=558>.

3-4 October 2012 Australian Coastal and Ocean Modelling and Observing (ACOMO) Workshop 2012, Canberra, ACT. By invitation only, for more information contact Katy Hill via email Katy.Hill@imos.org.au

13-16 November 2012 Integrated Ocean Observing System (IOOS) Summit 2012, Herndon, VA. For more information, <http://www.iooc.us/summit/ioos-summit/>

15-19 April 2013 GODAE OceanView-GSOP-CLIVAR Workshop on Observing System Evaluation and Coupled Data Assimilation, Hobart Tasmania. For more information, <https://www.godae-oceanview.org/outreach/meetings-workshops/godae-oceanview-gsop-clivar-workshop-2013/>

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